Phenol-Soluble Modulin Alpha 3 Peptide (psmA3) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phenol-soluble modulin alpha 3 peptide (psmA3), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Phenol-soluble modulin alpha 3 peptide (psmA3)
Product Gene Name	psmA3 recombinant protein
Product Synonym Gene Name	psmA3
Product Synonym Names	Recombinant Phenol-soluble modulin alpha 3 peptide (psmA3); Phenol-soluble modulin alpha 3 peptide
Sequence	MEFVAKLFKF FKDLLGKFLG NN
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	2,607 Da
Sequence Positions	1-22aa; Cytoplasmic domain
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P0C814
Species	Staphylococcus aureus (strain USA300 / TCH1516)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for psmA3 recombinant protein	MBS1161430 is a recombinant protein targeting psmA3. Also known as Recombinant Staphylococcus aureus Phenol-soluble modulin alpha 3 peptide (psmA3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of psmA3 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for psmA3. It may not necessarily be applicable to this product.

NCBI GI #	205829845
NCBI Accession #	P0C814.1
UniProt Primary Accession #	P0C814
NCBI Official Full Name	Phenol-soluble modulin alpha 3 peptide
UniProt Protein Name	Phenol-soluble modulin alpha 3 peptide
Protein Family	Phenol-soluble modulin alpha 3 peptide

UniProt Gene Name	psmA3
UniProt Entry Name	PSMA3_STAAT
UniProt Comments for psmA3	Function: Peptide which can recruit, activate and subsequently lyse human neutrophils, thus eliminating the main cellular defense against infection By similarity. Sequence similarities: Belongs to the phenol-soluble modulin alpha peptides family.
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